

Converting Colors

XYZ(73.8551, 72.0456, 96.0361)

Have a look what the booklet for
XYZ(73.8551, 72.0456, 96.0361)
contains.

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Color

**XYZ(73.8067, 71.8415,
96.3630)**

Conversions

Conversions Part 1

Format	Color
Hex	E8D6F5
RGB	232, 214, 245
RGB Percent	91%, 84%, 96%
CMY	0.0902, 0.1608, 0.0392
CMYK	0.05, 0.13, 0.00, 0.04
HSL	275°, 61%, 90%
HSV	275°, 13%, 96%
XYZ	73.8067, 71.8415, 96.3630
YIQ	222.9160, 0.7770, 13.4570

Conversions

Conversions Part 2

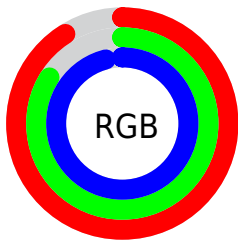
Format	Color
R _Y B	232, 214, 245
Decimal	15259381
CIE Lab	87.89, 11.76, -12.90
CIE LCh	88, 17.455, 312.370
Yxy	71.8415, 0.3050, 0.2969
Android (android.graphics.Color)	4293449461 (0xFFE8D6F5)
YUV	222.9160, 10.8874, 7.9667
Hunter-Lab	84.7594, 7.1052, -8.0753

Details

The XYZ color **73.8067, 71.8415, 96.3630** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **76.4712, 86.4927, 76.2861**, and the grayscale version is **70.0062, 73.6520, 80.2070**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4879, 37.7005, 53.3398** is the 20% darker color. If you saturate the color by 10%, you get **64.8286, 58.6920, 94.2992**, and if you desaturate by 10%, it is **83.9167, 86.9627, 98.7499**.

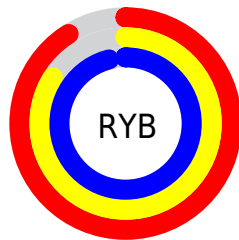
Distribution



Red (91%)

Green (84%)

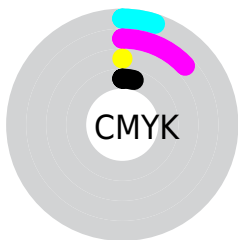
Blue (96%)



Red (91%)

Yellow (84%)

Blue (96%)

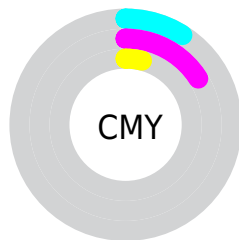


Cyan (5%)

Magenta (13%)

Yellow (0%)

Black (4%)



Cyan (9%)

Magenta (16%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.8067, 71.8415, 96.3630 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 73.8067, 71.8415, 96.3630 by changing the saturation by 10% instead.

73.8067, 71.8415,
96.3630

73.8067, 71.8415,
96.3630

462.8666,
466.9897, 569.6148

54.9266, 53.0292,
72.6668

123.6187,
121.8312, 158.1580

39.5765, 37.8261,
53.2134

155.2813,
153.7773, 197.0939

27.3913, 25.8477,
37.5842

191.9355,
190.8702, 241.9468

18.0054, 16.7098,
25.3608

233.9465,
233.4943, 293.1352

11.0536, 10.0278,
16.1246

281.6798,
282.0338, 351.0777

6.1704, 5.4174,
9.4571

335.5006,

2.9906, 2.4942,

336.8733, 416.1927

4.9396

395.7744,
398.3972, 488.8989

■ 1.1488, 0.8737,
2.1538

■ 0.0654, 0.0000,
0.6475

■ 73.8067, 71.8415,
96.3630

■ 73.8067, 71.8415,
96.3630

■ 64.8286, 58.6920,
94.2992

■ 83.9167, 86.9627,
98.7499

■ 56.9312, 47.4204,
92.5398

■ 92.5868, 98.9114,
100.5993

■ 50.0685, 37.9386,
91.0713

■ 93.4816, 99.3727,
100.6412

■ 44.1885, 30.1480,
89.8775

■ 39.2344, 23.9400,
88.9403

■ 35.1425, 19.1927,
88.2397

■ 31.8399, 15.7659,
87.7523

■ 29.2389, 13.4905,
87.4502

■ 27.6798, 12.3655,
87.3152

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.0080, 71.8415, 102.7529



73.8067, 71.8415, 96.3630



76.1789, 71.8415, 85.3553

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.8067, 71.8415, 96.3630



70.7301, 71.8415, 58.3913



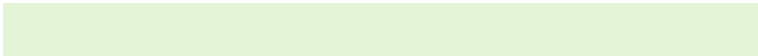
60.7772, 71.8415, 83.2249

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



73.8067, 71.8415, 96.3630



76.4712, 86.4927, 76.2861

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



60.9528, 71.8415, 71.4999



73.8067, 71.8415, 96.3630



66.5869, 71.8415, 57.9455

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.8067, 71.8415, 96.3630



74.3537, 71.8415, 63.8025



63.0424, 71.8415, 62.5159



62.5524, 71.8415, 94.6679

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.8067, 71.8415, 96.3630



76.5756, 71.8415, 77.2813



63.0424, 71.8415, 62.5159



60.6121, 71.8415, 79.1727

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



73.8088, 71.8446, 96.3646



90.3256, 92.8615, 107.7711



71.8035, 76.0671, 97.2853



19.1481, 19.5974, 23.0234



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.8088, 71.8446, 96.3646



78.3809, 75.0604, 104.9647



77.8724, 73.9757, 94.9170



16.5029, 16.4019, 20.8387



15.0729, 6.7447, 47.0455



1.4418, 0.6531, 4.1403

Inverse Universe

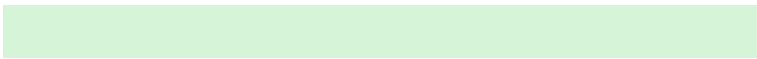
The Inverse Universe completely reimagines the original color for something new.



75.5704, 73.0548, 82.7946



80.6667, 76.6282, 87.4741



72.7899, 84.5642, 77.5004



16.7874, 16.5978, 18.6272



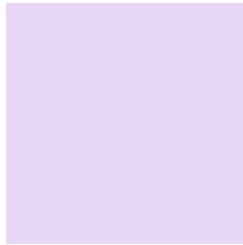
21.6638, 11.0090, 8.2041



1.9541, 0.9876, 0.9847

Previews

White Background



This preview shows how the XYZ color 73.8067, 71.8415, 96.3630 looks on a white background.

Color Contrast Check

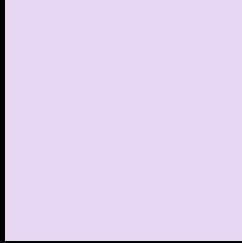
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 73.8067, 71.8415, 96.3630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

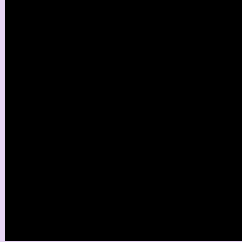
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.8067, 71.8415, 96.3630

Background



This preview shows how black text looks on a background with the XYZ color 73.8067, 71.8415, 96.3630.

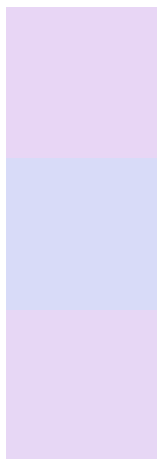


This preview shows how white text looks on a background with the XYZ color 73.8067, 71.8415,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

73.8067, 71.8415, 96.3630

Protanopia

70.5937, 72.0393, 98.9912

Deuteranopia

73.7369, 72.1824, 96.4324



Tritanopia

71.8970, 71.8179, 87.1637

Trichromacy



Original Color

73.8067, 71.8415, 96.3630

Protanomaly

71.7256, 71.8707, 98.0878

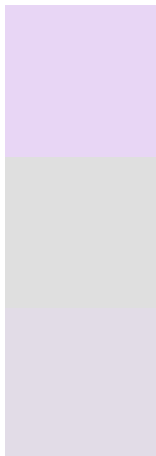
Deuteranomaly

73.7369, 72.1824, 96.4324

Tritanomaly

72.5415, 71.7042, 90.1377

Monochromacy



Original Color

73.8067, 71.8415, 96.3630

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

71.3810, 73.1247, 85.9536

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.8067, 71.8415, 96.3630 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(232, 214, 245)` looks like.

```
.text, #text, p{  
    color:rgb(232, 214, 245)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(232, 214, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 214, 245) }
```

Border

The CSS property to change the border of an element to XYZ 73.8067, 71.8415, 96.3630 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(232, 214, 245) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(232, 214, 245) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(232, 214, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 214, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 214, 245);  
box-shadow:4px 4px 4px 4px rgb(232, 214,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 73.8067, 71.8415, 96.3630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 214, 245) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(232,  
214, 245) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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